

IN THE CLAIMS

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)

13. (Currently Amended) A multi-protocol packet-based base station, comprising:
a wireless signaling logic unit for handling communications with mobile wireless devices using wireless signals adapted for an internet protocol-based local area network;
a media gateway logic unit adapted to handle communication signals for a media gateway control protocol (MGCP); and
address generation logic for dynamically generating a virtual circuit identity code (VCIC) for linking communication signals between said wireless signaling logic unit and said media gateway logic unit.

14. (Canceled)

15. (Currently Amended) A multi-protocol enterprise code division multiplex access (CDMA) wireless communication system, comprising:

a multi-protocol packet-based base station, wherein said base station includes:

a wireless signaling logic unit for handling communications with mobile wireless devices using wireless signals adapted for an internet protocol-based local area network;

a media gateway logic unit adapted to handle communication signals for a media gateway control protocol (MGCP); and

address generation logic for dynamically generating a virtual circuit identity code (VCIC) for linking communication signals between said wireless signaling logic unit and said media gateway logic unit;

a call agent; and

mobile terminals adapted to communicate via multiple communication protocols.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The system of Claim 15, wherein said VCIC creates a virtual traffic communication path to enable said base station to convert mobile signals of a first protocol type to a second protocol type.

20. (Previously Presented) The system of Claim 19, wherein said first protocol type is a TIA/EIA-634 specification.

21. (Previously Presented) The system of Claim 19, wherein said second protocol type is said MGCP.

22. (Canceled)

23. (Currently Amended) A method of handling wireless call messaging in a multi-protocol enterprise Code Division Multiplex Access (CDMA) system, comprising the steps of:

receiving a call message from a mobile communication unit, said call message transmitted via a first signal protocol;

processing said call message within a wireless base station within said CDMA system;

creating a virtual traffic communication path to transmit said call message within said CDMA system;

dynamically generating a virtual circuit identity code adaptable to both said first signal protocol and ~~said second~~ a second signal protocol; and

transmitting said call message to a destination wireless device within said CDMA system, said call message transmitted via ~~a second~~ said second signal protocol.

24. (Currently Amended) A method of handling wireless call messaging in a multi-protocol enterprise Code Division Multiplex Access (CDMA) system, comprising the steps of:

receiving a call message from a mobile communication unit, said call message transmitted via a first signal protocol;

processing said call message within a wireless base station within said CDMA system;

creating a virtual traffic communication path to transmit said call message within said CDMA system;

providing a unique communication identifier responsive to said call message and correspondingly adaptable to ~~said second~~ a second signal protocol; and

transmitting said call message to a destination wireless device within said CDMA system, said call message transmitted via ~~a second~~ said second signal protocol.

25. (Previously Presented) The method of Claim 23, wherein said second signal protocol is adapted for a media control gateway.

26. (Previously Presented) The method of Claim 24, wherein said second signal protocol is adapted for a media control gateway.